

# DEPARTMENT OF PUBLIC UTILITIES - WATER & WASTEWATER UTILITY

## FY15-19 CAPITAL IMPROVEMENT PROGRAM - DRAFT

2/4/2014

Project No.	PROJECT TITLE	Proposed FY 2014-15	Proposed FY 2015-16	Proposed FY 2016-17	Proposed FY 2017-18	Proposed FY 2018-19	5-Year TOTAL
<b>WU WATER UTILITY:</b>							
<b>WATER DISTRIBUTION SYSTEM</b>							
WU04	Rehabilitation/Replacement	\$675,000	\$175,100	\$175,049	\$525,055	\$2,499,755	\$4,049,959
WU10	Water Main Additions / Extensions	\$500,000	\$250,290	\$250,372	\$750,703	\$1,215,550	\$2,966,915
WU05	Water Utility Infrastructure Relocation - Miscellaneous Locations	\$175,000	\$175,100	\$125,186	\$124,571	\$124,931	\$724,788
WU08	Water Main Oversizing Payments - New Developments	\$55,000	\$25,000	\$25,000	\$25,001	\$25,000	\$155,001
	<b>SUBTOTAL:</b>	<b>\$1,405,000</b>	<b>\$625,490</b>	<b>\$575,607</b>	<b>\$1,425,330</b>	<b>\$3,865,236</b>	<b>\$7,896,663</b>
<b>WATER METERING</b>							
WU20	Replacement	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$1,125,000
WU19	Additions - New	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
WU22	Automatic Meter Reading Project (AM/RAM)	\$0	\$350,200	\$1,854,000	\$1,250,000	\$1,030,000	\$4,484,280
	<b>SUBTOTAL:</b>	<b>\$300,000</b>	<b>\$650,200</b>	<b>\$2,154,000</b>	<b>\$1,550,080</b>	<b>\$1,330,000</b>	<b>\$5,984,280</b>
<b>WATER SUPPLY SYSTEM</b>							
WU29	Emergency Standby Well Rehabilitation	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$1,375,000
WU32	Southeast Waterworks Pumps & Controls Replacement	\$0	\$2,060	\$2,122	\$5,464	\$250,426	\$260,072
WU07	North Waterworks - Mill Street PAS 15E - Booster Station Addition	\$0	\$0	\$125,186	\$999,845	\$0	\$1,125,031
	<b>SUBTOTAL:</b>	<b>\$275,000</b>	<b>\$277,060</b>	<b>\$402,308</b>	<b>\$1,280,309</b>	<b>\$525,426</b>	<b>\$2,760,103</b>
	<b>WATER UTILITY SUBTOTAL:</b>	<b>\$1,980,000</b>	<b>\$1,552,750</b>	<b>\$3,131,915</b>	<b>\$4,255,719</b>	<b>\$5,720,662</b>	<b>\$16,641,046</b>
<b>WU WASTEWATER UTILITY:</b>							
<b>SANITARY SEWER SYSTEM</b>							
WWU06	Rehabilitate/Replace - Interceptors/Trunk/Mainline Sewers/Services	\$2,200,000	\$4,900,000	\$2,900,000	\$2,200,000	\$2,200,001	\$14,400,001
WWU10	Sanitary Sewer Capacity Improvements	\$100,000	\$300,760	\$99,725	\$99,438	\$100,000	\$699,923
WWU09	Sanitary Sewer Oversizing Payments - New Developments	\$163,000	\$25,000	\$25,000	\$25,000	\$25,001	\$263,001
WWU05	Wastewater Utility Infrastructure Relocation - Miscellaneous Locations	\$75,000	\$75,190	\$49,862	\$50,265	\$49,522	\$299,839
	<b>SUBTOTAL:</b>	<b>\$2,538,000</b>	<b>\$5,300,950</b>	<b>\$3,074,587</b>	<b>\$2,374,703</b>	<b>\$2,374,524</b>	<b>\$15,662,764</b>
<b>WASTEWATER PUMPING/LIFT STATIONS</b>							
WWU34	Lift Station Rehabilitation Program - SPRINGBROOK WATER RECLAMATION CENTER	\$450,000	\$400,001	\$400,000	\$600,000	\$400,000	\$2,250,001
<b>PHOSPHORUS REMOVAL - PRELIMINARY ENGINEERING (IEPA REQUIREMENT)</b>							
WWU35	Phosphorus Removal - Preliminary Engineering (IEPA Requirement)	\$0	\$0	\$0	\$365,000	\$0	\$365,000
WWU36	North Plant Grit Removal & RAS Upgrades & Improvements	\$3,100,000	\$0	\$0	\$0	\$0	\$3,100,000
WWU39	Influent Headworks Upgrades & Improvements	\$0	\$0	\$1,100,684	\$899,861	\$0	\$2,000,545
WWU40	Wastewater Engine Generator	\$0	\$374,920	\$0	\$0	\$0	\$374,920
WWU41	Facility Replacements (Non-Treatment)	\$75,000	\$399,640	\$425,421	\$0	\$0	\$900,061
	<b>SUBTOTAL:</b>	<b>\$3,175,000</b>	<b>\$774,560</b>	<b>\$1,526,105</b>	<b>\$1,264,861</b>	<b>\$0</b>	<b>\$6,740,526</b>
	<b>WASTEWATER UTILITY SUBTOTAL:</b>	<b>\$6,163,000</b>	<b>\$6,475,511</b>	<b>\$5,000,692</b>	<b>\$4,239,564</b>	<b>\$2,774,524</b>	<b>\$24,653,291</b>
<b>W &amp; WWU WATER AND WASTEWATER UTILITY:</b>							
	<b>TOTAL:</b>	<b>\$8,143,000</b>	<b>\$8,028,261</b>	<b>\$8,132,607</b>	<b>\$8,495,283</b>	<b>\$8,495,186</b>	<b>\$41,294,337</b>
	<b>Proposed FY 2014-15</b>		<b>Proposed FY 2015-16</b>	<b>Proposed FY 2016-17</b>	<b>Proposed FY 2017-18</b>	<b>Proposed FY 2018-19</b>	<b>5-Year TOTAL</b>

Variance from \$8,500,000 annual cap

(\$357,000)

(\$471,739)

(\$367,393)

(\$4,717)

(\$4,814)

# FY 2015-2019 Sanitary Sewer Lift Station CIP Plan

PROJECT TITLE	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	5-Year TOTAL
Pump Stations Improvements - Unplanned Replacement of Major Components	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
Royce Road Pump Station Improvements/Upgrades	\$225,000	\$0	\$0			\$225,000
River Mist Pump Station Improvements/Upgrades	\$0	\$225,000	\$0			\$225,000
Summerfield Pump Station Improvements/Upgrades	\$0	\$0	\$225,000			\$225,000
Northwest Wastewater Pump Station Improvements/Upgrades	\$0	\$0	\$0	\$500,000		\$500,000
Southwest Wastewater Pump Station Improvements/Upgrades	\$0	\$0	\$0	\$0	\$300,000	\$300,000
SCADA System Upgrades	\$150,000	\$100,000	\$100,000	\$25,000	\$25,000	\$400,000
	\$450,000	\$400,000	\$400,000	\$600,000	\$400,000	\$2,250,000

Boulevard 21-22

Carrollwood 20-21

Fellum 19-20

BPS Station

River Creek 13-14

Seguioia 15-16

Delta 16-17

Fair Oaks 17-18

Solinas 18-19

Colles 19-20

Looms 20-21





# FY 2015-2019 Sanitary Sewer Lateral Rehab Plan

Basin	Activity	FY 2013-14	FY 2014-15	FY 2015-16	FY 2015-16	FY 2017-18	FY 2018-19
S-3	Lateral Locates						
	Vac-A-Tee						
	Lining	S-3					
C-14	Lateral Locates						
	Vac-A-Tee						
	Lining	C-14					
C-3	Lateral Locates						
	Vac-A-Tee						
	Lining	C-3	C-3				
C-18	Lateral Locates						
	Vac-A-Tee	C-18					
	Lining		C-18	C-18			
C-16	Lateral Locates	C-16					
	Vac-A-Tee	C-16	C-16				
	Lining			C-16	C-16		
C-15	Lateral Locates	C-15					
	Vac-A-Tee		C-15				
	Lining			C-15	C-15		
C-17	Lateral Locates		C-17	C-17			
	Vac-A-Tee		C-17	C-17	C-17	C-17	
	Lining				C-17	C-17	
S-11	Lateral Locates			S-11		S-11	
	Vac-A-Tee				S-11	S-11	
	Lining						S-11
C-2	Lateral Locates					C-2	C-2
	Vac-A-Tee						C-2
	Lining						